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114	FORMATION DISC FATION IN AN APP		APPLICANT(S) Randall J. Huebne	er et al				
			FILING DATE November 19, 20	03	GRO 373		T UNIT	
		U.S. PA	TENT DOCUMENTS	3				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		UB ASS	FIL DATI
	820,503	5/15/06	Krengel et al.		$\neg$			
<del>100</del>	869,697	10/29/07	Eilhauer et al.		T			
	1,105,105	7/28/14	Sherman		T			
	1,889,239	11/29/32	Crowley					
	2,406,832	9/3/46	Hardinge	-			•	• ,-
	2,443,363	6/15/48	Townsend et al.		ŀ		·	
	2,489,870	11/29/49	Dzus					
	2,494,229	1/10/50	Collison					
	2,526,959	10/24/50	Lorenzo					
4.4	2,580,821	1/1/52	Nicola					
per	2,583,896	1/29/52	Siebrandt					
		FOREIGN	PATENT DOCUME!	NTS _	•	,	i	
	DOCUMENT NUMBER	DATE	COUNTRY	CLA	ss	SUB	YES TR	ANSLATION
A	89750/91	2/23/92	Australia				XX	
D	0 053 999	6/16/82	EPO		П		· xx	
-		отн	ER DOCUMENTS					
从	McBride S.M.	O. Stainless Steel B	one Plates brochure, DeP	uy, Inc.,	1943			
	Bone Plates bro	ochure, Vitallium,	March 1948.					
<u> </u>			chure, Howmedica Inc., 1				<u> </u>	

FORM PTO-14	149		DOCKET NUMBER ACM 353				ICATION NUMBER 716,719					
	ORMATION DISCLA TION IN AN APPLI		APPLICANT(S) Randall J. Huebner	et al								
	•		FILING DATE November 19, 2003			OUP 132	ART	UNIT				
		U.S. PAT	ENT DOCUMENTS					-				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLA	ss	CT.A		L DATE APPROP.			
Les	2,737,835	3/13/56	Herz				$\perp$					
1	3,025,853	3/20/62	Mason									
	3,072,423	1/8/63	Chariton		Ī							
1	3,171,518	3/2/65	Bergmann					·				
	3,488,779	1/13/70	Christensen									
	3,489,143	1/13/70	Halloran									
	3,593,709	7/20/71	Halloran									
	3,604,414	9/14/71	Borges									
·	3,716,050	2/13/73	Johnston									
	3,866,458	2/18/75	Wagner						·			
010	3,900,025	8/19/75	Barnes, Jr.									
C		FOREIGN P	ATENT DOCUMENT	rs					•			
	DOCUMENT NUMBER	DATE	COUNTRY	ÇU	ss		UB ASS	TRANS YES	SLATION NO			
D	0 410 309	1/30/91	EPO					XX				
ND	0471418A1	2/19/92	EPO					XX				
W .		OTHE	R DOCUMENTS			,						
A DATA	Techmedica Bio	engineers Keep Ta	bs on Your Needs brochur	e, Tec	hme	dica	, Inc.	, 1991				
A	A Comparison of Beaupre et al.	f Unicortical and Eurpal of Onhopaed	Ricortical End Screw Attack lic Trauma, Vol. 6, No. 3,	hmen pp. 29	of F	rac 00, 1	ture I 992.	Fixation Pi	lates,			
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		U.S. PAT	ENT DOCUMENTS					~~~	
EXAMINER DITTAL	DOCUMENT NUMBER	DATE	NAME		CLASS		UB ASS		DATE OPPROP.
A	3,901,064	8/26/75	Jacobson		$\prod$				
700	3,939,497	2/24/76	Heimke et al.						
	3,965,720	6/29/76	Goodwin eta I.					,	
	4,187,840	2/12/80	Watanabe						
	4,187,841	2/12/80	Knutson	ŀ		ľ			·
	4,201,215	5/6/80	Crossett et al:						
	4,364,382	12/21/82	Mennen		⊥ .				
	4,388,921	6/21/83	Sutter et al.						
,	4,408,601	10/11/83	Wenk						
	4,457,307	7/3/84	Stillwell						
$\mathcal{U}$	4,493,317	1/15/85	Klaue						
		FOREIGN P	ATENT DOCUMEN	rs ·					
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS		SUB LASS	YES		ATION NO
//	0362049B1	5/13/92	ЕРО			T	X	X	
///	2367479	5/12/78	France				X	X	
		OTHE	R DOCUMENTS						
		Titanium Cannulat edical Company, 19	ed Screw and Reconstruct 992.	ion Pla	te Syst	em su	rgical	techn	ique
AL		Titanium Cannulat , Ace Medical Con	ed Screw and Reconstruct aparty, 1992.	ion Pla	ie Sysi	em si	mplific	ed fra	cture
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		U.S. PAT	ENT DOCUMENTS	,								
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No.	4,506,681	3/26/85	Mundell			$\perp$	_					
	4,565,192	1/21/86	Shapiro		$\perp$							
	4,565,193	1/21/86	Streli									
	4,573,458	3/4/86	Lower									
	4,683,878	8/4/87	Carter	•								
	4,703,751	11/3/87	Pohl			$\bot$						
	4,718,413	1/12/88	Johnson									
	4,736,737	4/12/88	Fargie et al.	·								
	4,743,261	5/10/88	Epinette									
1/1	4,750,481	6/14/88	Reese									
	4,757,810	7/19/88	Reese .				}					
	*	FOREIGN P	ATENT DOCUMEN	vTS								
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*	2405705	5/11/79	France						· XX			
M	2405706	5/11/79	France				]	XX				
Ī		OTHE	R DOCUMENTS									
M			nd Plate System with the Medical Company, 1992.	Ace 3.:	5 mm	Unive	ersal R	ibbon (	CT/MRI			
A			Fractures of the Proxima Trauma, Vol. 8, No. 1, p				Modif	ied Clo	verleaf			
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	Ţ	J.S. PATE	NT DOCUMENTS								
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4,759,35	60 7/26	/88	Dunn et al.								
4,760,84	3 8/2/1	88	Fischer et al.								
4,823,78	30 4/25	/89	Odensten et al.								
4,892,09	3 1/9/	90	Zarnowski et al.							,	
4,893,61	9 · · 1/16	/90	Dale et al.			•					
4,903,69	01 2/27	/90	Heinl								
4,926,84	7 · 5/22	/90	Luckman								
4,943,29	7/24	/90	Foux								
4,955,88	6 9/11	/90	Pawluk								
4,957,49	9/18	790	Hoogland et al.								
4,963,15	3 10/1	6/90	Noesberger et al.							- 40 - 40 - 40 - 40 - 40 - 40 - 40 - 40	
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2406429	5/18/7	79	France							XX	
2472373	7/3/81	ŀ	France					х	x		
		OTHER	DOCUMENTS								
Ace Syn Company		Upper Extre	emity Plates surgical tech	niqu	e bro	chur	e, A	ce Me	dical	•	
The Ace Company		iium Upper I	Extremity Plates new pro	duct	rele	se b	rochi	ure, A	се Ме	dical	
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1	DRMATION DISCL		APPLICANT(S) Randall J. Huebner	r et a	I.								
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		U.S. PAT	ENT DOCUMENTS		-								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CU	SS		JB ASS		DATE APPROP.			
	4,966,599	10/30/90	Pollock										
194	4,973,332	11/27/90	Kummer										
	4,988,350	1/29/91	Herzberg										
	5,002,544	3/26/91	Klaue et al.				3						
	- 5,006,120	4/9/91	Carter	•					•	•			
	5,015,248	5/14/91	Burstein et al.										
	5,041,113	8/20/91	Biedermann et al.										
	5,042,983	8/27/91	Rayhack										
	5,049,149	9/17/91	Schmidt										
0.1	5,053,036	10/1/91	Perren et al.										
Jake 1	5,085,660	2/4/92	Lin										
		FOREIGN P.	ATENT DOCUMEN	TS					,				
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N	2674118	9/25/92	France					X	X				
	2515430	11/13/75	Germany					Х	X				
		OTHE	R DOCUMENTS										
MP	Small Titanium	Plates overview pag	ge, Synthes, p. 2a-33, Mar	ch 19	97.								
77.	Congruent Dista	Congruent Distal Radius Plate System description, Acumed, Inc., March 4, 1998.											
M	Salvage of Tibia Preliminary Repo	I Pilon Fractures U ort, Morgan et al., [	sing Fusion of the Ankle foot & Ankle Internationa	with d	1 <i>90</i> ° 1. 20,	Can: No.	<i>пиlа!</i> 6, pp	ed Bla 5. 375-	de Pi 378, .	ate: A June			
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		U.S. PA1	ENT DOCUMENTS				-	•
EXAMINER DITTAL	DOCUMENT NUMBER	DATE	NAME		CLASS	CT S	ASS	FIL DATE IF APPROP.
	5,113,685	5/19/92	Asher et al.					
	5,133,718	7/28/92	Mao					
1	5,139,497	8/18/92	Tilghman et al.					
	5,151,103	9/29/92	Tepic et al.					
	5,161,404	11/10/92	Hayes	·				
	5,176,685	1/5/93	Rayhack					
	5,190,544	3/2/93	Chapman et al.					
	5,190,545	3/2/93	Corsi et al.					
ŀ	5,197,966	3/30/93	Sommerkamp					
	5,201,737	4/13/93	Leibinger et al.					
	5,269,784	12/14/93	Mast					<del>-</del>
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	DOCUMENT NUMBER	DATE	COUNTRY	CLA	ss	SUB CLASS	TRA YES	NSLATION NO
1	4201531	7/22/93	Germany				XX	
A	4343117	6/22/95	Germany				XX	
10		ОТНЕ	R DOCUMENTS					
AND	Scaphoid Proto		trak® Bone Screw System l	brochu	ire, To	by, pu	blished b	y Acumed,
101	Single Unit Ost	eosynthesis brochu	re, Surfix Technologies, Se	ptemb	er 20	00.		
	Supracondylar	Plate brochu	e, Biomet Orthopedics, Inc	., 200	0.		<del></del>	
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3/1/94	Vignaud et al.	•								
4/19/94	Slocum									
5/24/94	Wagner et al.									
11/15/94	Chapman et al.									
11/15/94	Lowery et al.			·						
1/10/95	Eggers et al.					Ì				
5/9/95	Pollock									
8/22/95	Albrektsson et al.									
11/21/95	Reisberg							···		
12/12/95	Baumgart									
1/30/96	Maruyama et al.									
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ased Internal Fixation of per Extremity Surgery.	of Distal Humerus Fractur Vol. 5, No. 4, pp. 179-187,	es, S Dec	anchi embe	ez-So er 20	otelo 01.	et al., <u>T</u> e	echr	iques in		
Plate System - The May	yo Clinic Congruent Elbow	v Plat	tes br	ochu	ire, A	cumed,	Inc.	, May 7,		
1	DATE CONSIDERED	/.		6.	0	4				
	3/1/94 4/19/94 5/24/94 11/15/94 11/15/94 11/15/94 1/10/95 5/9/95 8/22/95 11/21/95 12/12/95 1/30/96 FOREIGN P DATE 6/15/78 2/28/80 OTHE	ACM 353  APPLICANT(S) Randall J. Huebner FILING DATE November 19, 2003  U.S. PATENT DOCUMENTS  DATE  NAME  3/1/94  Vignaud et al.  4/19/94  Slocum  5/24/94  Wagner et al.  11/15/94  Lowery et al.  11/15/94  Lowery et al.  1/10/95  Eggers et al.  5/9/95  Pollock  8/22/95  Albrektsson et al.  11/21/95  Reisberg  12/12/95  Baumgart  1/30/96  Maruyama et al.  FOREIGN PATENT DOCUMENT  Mare  6/15/78  Soviet Union  OTHER DOCUMENTS  Plate System – The Mayo Clinic Congruent Elbov	ACM 353  APPLICANT(S) Randall J. Huebner et a  FILING DATE November 19, 2003  U.S. PATENT DOCUMENTS  DATE  NAME  3/1/94  Vignaud et al.  4/19/94  Slocum  5/24/94  Wagner et al.  11/15/94  Chapman et al.  11/15/94  Lowery et al.  1/10/95  Eggers et al.  5/9/95  Pollock  8/22/95  Albrektsson et al.  11/21/95  Reisberg  12/12/95  Baumgart  1/30/96  Maruyama et al.  FOREIGN PATENT DOCUMENTS  COUNTRY  CL  6/15/78  Soviet Union  OTHER DOCUMENTS  Cased Internal Fixation of Distal Humerus Fractures, Sper Extremity Surgery. Vol. 5, No. 4, pp. 179-187, Decephate System – The Mayo Clinic Congruent Elbow Plate	ACM 353  APPLICANT(S) Randall J. Huebner et al.  FILING DATE November 19, 2003  U.S. PATENT DOCUMENTS  DATE  Vignaud et al.  4/19/94  Slocum  5/24/94  Wagner et al.  11/15/94  Lowery et al.  11/15/94  Lowery et al.  1/10/95  Eggers et al.  5/9/95  Pollock  8/22/95  Albrektsson et al.  11/21/95  Reisberg  12/12/95  Baumgart  1/30/96  Maruyama et al.  FOREIGN PATENT DOCUMENTS  COUNTRY  CLASS  6/15/78  Soviet Union  OTHER DOCUMENTS  Pate System - The Mayo Clinic Congruent Elbow Plates be	ACM 353 10/71  APPLICATION	ACM 353 10/716,71  APPLICATION APPLICANT(S) Randall J. Huebner et al.  FILING DATE November 19, 2003 3732  U.S. PATENT DOCUMENTS  DATE NAME CLASS SUCL  3/1/94 Vignaud et al.  4/19/94 Slocum  5/24/94 Wagner et al.  11/15/94 Chapman et al.  11/15/94 Lowery et al.  11/15/95 Eggers et al.  5/9/95 Pollock  8/22/95 Albrektsson et al.  11/21/95 Reisberg  12/12/95 Baumgart  1/30/96 Maruyama et al.  FOREIGN PATENT DOCUMENTS  6/15/78 Soviet Union  OTHER DOCUMENTS  Pased Internal Fixation of Distal Humerus Fractures, Sanchez-Soteloper Extremity Surgery. Vol. 5, No. 4, pp. 179-187, December 2001.  Plate System – The Mayo Clinic Congruent Elbow Plates brochure, And Plates Prochames 2001.	ACM 353 10/716,719  APPLICATION	ACM 353   10/716,719		

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W S	5,487,743	1/30/96	Laurain et al.						•
	5,522,902	6/4/96	Yuan et al.		$\perp$				
	5,527,311	6/18/96	Proctor et al.						·
	5,534,027	7/9/96	Hodorek						·
	5,545,228	8/13/96	Kambin	,					
	5,564,302	10/15/96	Watrous						
	5,578,036	11/26/96	Stone et al.						
	5,591,166	1/7/97	Bernhardt et al.					·	
	5,643,261	7/1/97	Schafer et al.						· · · · · · · · · · · · · · · · · · ·
	5,643,265	7/1/97	Errico et al.				Ц		
nle	5,647,872	7/15/97	Gilbert et al.						
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M	862937	9/15/81	Soviet Union						XX
9 AL	897233	1/15/82	Soviet Union					XX	
. / /.		ОТНЕ	R DOCUMENTS					•	
X/ XX	Modular Hand	System brochure, A	cumed, Inc., August 2002				,		
/	Modular Hand	System brochure, A	cumed, Inc., September 2	002.					
	<del></del>		ure, Zimmer, Inc., 2002.						
	Jotace Diapprysi	s Plates for Japanes	e brochure, Mizuho Co., I	.td., 2	2002.			1	
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		U.S. PAT	ENT DOCUMENTS						
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MHS	5,662,655	9/2/97	Laboureau et al.						
Je	5,665,088	9/9/97	Gil et al.						·
	5,674,222	10/7/97	Berger et al.						
	5,681,313	. 10/28/97	Diez				$\bot$		
	5,702,396	12/30/97	Hoenig et al.						
	5,707,372	1/13/98	Errico et al.						
$\sim$	5,707,373	1/13/98	Sevrain et al.						
·	5,709,682	1/20/98	Medoff					·	
	5,709,686	1/20/98	Talos et al.						
	5,718,704	2/17/98	Medoff						
146	5,718,705	2/17/98	Sammarco			$\prod$			
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M	1049054	10/23/83	Soviet Union			П			XX
1111	1130332	12/23/84	Soviet Union					XX	
VWV		OTHE	R DOCUMENTS		1				
d Hole	An Axially Mobil 279-283, 2002.	ile Plate for Fractu	re Fixation, Abel et al., <u>Ir</u>	nternal	Fixa	tion	n O	steoporol	ic Bone, pp.
da	The Use of Inter Patients with Po	locked 'Customised or Bone Stock, Pals	I' Biade Plates in the Tre ner et al., <u>Injury, Int. J. C</u> a	atinen are Ini	t of N ured,	<i>letap</i> Vol.	hyse 31,	al Fracti pp. 187-	ires in 191, 2002.
[MB]	3.5 mm LCPIM	Proximal Hymerus	Plate technique guide, Sy	nthes	(US/	A), 20	02.		
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	H	5,722,976	3/3/98	Brown							
70	0	5,730,743	3/24/98	Kirsch et al.							
		5,733,287	3/31/98	Tepic et al.							
		5,735,853	4/7/98	Olerud							
·		5,741,258	4/21/98	Klaue et al.							
		5,741,259	4/21/98	Chan							
	.,	5,749,872	5/12/98	Kyle et al.							
		5,749,873	5/12/98	Fairley							
		5,752,958	5/19/98	Wellisz							
		5,772,662	6/30/98	Chapman et al.							
		5,807,396	9/15/98	Raveh		\					
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		1192806	11/23/85	Soviet Union					XX		
. 4	$\mathcal{U}$	1223901	4/15/86	Soviet Union							XX
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A			Plate Osteosynthesin AG, print date Febr	System According to Dr. uary 6, 2003.	Gahr	inte	rnet	printe	out, Ero	thita	n
V	1/	Bilder internet p	rintout, Martin Gm	bH & Co. KG, print date S	epten	nber	5, 20	003.			
		International Sc. 2003.	arch Report for PC	Patent Application Serial	No. I	CT	ĴUS0	3/22	904, De	cem	ber 4,
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`	5,853,413	12/29/98	Carter et al.					•	
	5,855,580	1/5/99	Kreidler et al.						
	5,871,548	. 2/16/99	Sanders et al.			•			
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	5,916,216	6/29/99	DeSatnick et al.						·
	5,904,683	5/18/99	Pohndorf et al.						
	5,919,195	7/6/99	Wilson et al.		•				
	5,931,839	8/3/99	Medoff						
we	5,938,664	8/17/99	Winquist et al.	_					
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JH.	1225556	4/23/86	Soviet Union						XX
	1544406	2/23/90	Soviet Union					XX	
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	Salvage of Dista Clinical Orthopa	el Tibia Metaphysea edics and Related R	el Nonunions With the 90 Research, No. 409, pp. 24	* Cani	rulas , 200	ed B 3.	lade I	Place, Chi	n et al.,
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FORM PTO-14	149	DOCKET NUMBER ACM 353		APPLICATION NUMBER 10/716,719					
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A	5,941,878	8/24/99	Medoff						
	5,954,722	9/22/99	Bono						
	5,964,763	10/12/99	Incavo et al.						
	5,973,223	10/26/99	Tellman et al.						
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	6,069,040	8/1/00	Esser						
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	6,096,040	8/1/00	Esser						
	6,117,160	9/12/00	Bonutti						
THE	6,139,548	10/31/00	Errico						
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DH	1630804	2/29/91	Soviet Union					XX	
ALLA	1644932	4/30/91	Soviet Union					XX	
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10/14	Acromio-Clavic	ular Plates descript	ion page, author and date	unkn	own.				
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1	NexGen Osteoto	my System (OS) s	urgical technique brochure	, Zin	nmer	, Inc.	, und	ated.	
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	6,152,927	11/28/00	Farris et al.							
No of	6,179,839	1/30/01	Weiss et al.							
	6,193,721	2/27/01	Michelson							
	6,228,087	5/8/01	Fenaroli et al.							
	6,235,033	5/22/01	Brace et al.							
	6,235,034	5/22/01	Bray							
·	6,238,396	5/29/01	Lombardo							
	6,258,092	7/10/01	Dall							
	6,261,291	7/17/01	Talaber et al.							
	6,273,889	8/14/01	Richelsoph				Ш			
111	6,283,969	9/4/01	Grusin et al.							
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vy	Spider™ Limite	d Wrist Fusion Sys	tem brochure, Kinetics Me	dica	l Inc	огро	rated	, unda	ited.	
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1	6,290,703	9/18/01	Ganem						
7	6,302,884	10/16/01	Wellisz et al.						
·	6,302,887	10/16/01	Spranza et al.						
·	6,306,136	10/23/01	Baccelli						
	6,312,431	-11/6/01	Asfora	·					
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	6,322,562	11/27/01	Wolter						
	6,325,803	12/4/01	Schumacher et al.						
	6,331,179	12/18/01	Freid et al.						
	6,336,927	1/8/02	Rogozinski						
	6,338,734	1/15/02	Burke et al.						
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( )	6,342,075	1/29/02	MacArthur						•
	6,355,036	3/12/02	Nakajima						
·	6,355,042	3/12/02	Winquist						
	6,364,881	4/2/02	Apgar et al.						
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	6,379,354	4/30/02	Rogozinski					<u>.</u>	
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MI	6,428,542	8/6/02	Michelson	•				<u> </u>	
M	6,436,103	8/20/02	Suddaby						
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Boucher et al.		•									
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